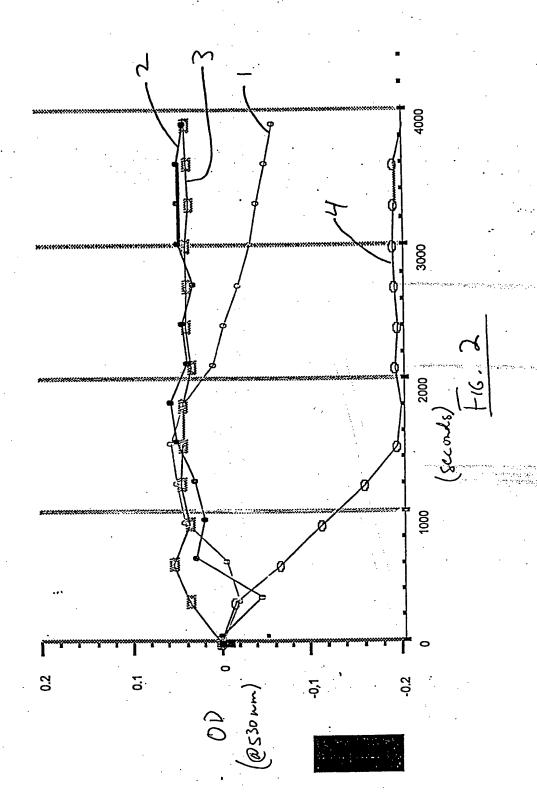


FIG. 1

Monitoring Drug Activity as a Function of Time Correlates Drug Activity to Aggregate Size



Cimetidine

$$H_2N$$
 H_2C
 H_2C
 H_2C
 H_3C
 H_3C

R(+)-Atenolol

(-)-alpha-Methylnorepinephrine

Uracil, (+/-)-5-trifluoromethyl-5,6,dihydro-

$$\begin{bmatrix} OH \\ OH \\ HO \\ H_3C \end{bmatrix}_2 H_2C N = N CH_2$$

MHPZ piperazine

$$H_2N$$
 H_2C
 H_2C
 H_2C
 H_2C
 H_3C
 H_3C
 H_3C

Oxotremorine methiodide

FIG. 6

(+/-)-Normetanephrine hydrochloride

(+/-)-Octopamine

hydrochloride

Arecoline hydrobromide

Telenzepine dihydrochloride

$$\begin{array}{c|c}
 & NH & NH \\
 & NH & NH_2
\end{array}$$

1-Phenylbiguanide

7-(beta-Chloroethyl)theophylline

Lidocaine hydrochloride

erythro-9-(2-Hydroxy-3-nonyl)adenine hydrochloride

1,3-Dipropyl-8-p-sulfophenylxanthine

2-Methylthioadenosine diphosphate trisodium

N6-2-(4-Aminophenyl)ethyladenosine

(+/-)-2-Amino-7-phosphonoheptanoic acid

FIG. 8

HO-Tetracaine hydrochloride Chlomezanone 1-Methylisoguanosine Debrisoquin sulfate HO-Phenylbutazone S-(4-Nitrobenzyl)-6-thioinosine 8-Cyclopentyl-1,3-dimethylxanthine NH_2 HO P1,P4-di(adenosine-5')tetraphosphate triammonium S-(4-Nitrobenzyl)-6-thioguanosine QН O-Na

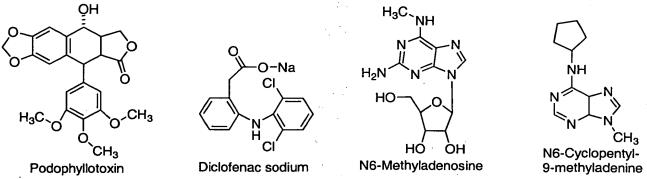


FIG. 9

2-Phenylaminoadenosine

(2)-Vanillylmandelic acid

histamine, R(-)-alpha-methyl, dihydrochloride

FIG. 10